

**Heparin, Sodium Salt (CAS 9041-08-1)
(Cell Culture Grade)**
ORDERING INFORMATION

Catalog No: **cAP-21**
Size: 1000mg/vial

Synonym: Sodium heparinate
Application: A heparin salt that produces its anticoagulant effect by activating ATIII (antithrombin)
CAS Number: 9041-08-1
Molecular Weight: 8000 - 25000 g/mol

Description

Heparin, Sodium salt is a low molecular weight heparin (LMWH) polymer that produces its major anticoagulant effect by activating antithrombin. This activation causes a conformational change in ATIII and allows for increased flexibility in its reactive site loop. Heparin is a highly sulfated glycosaminoglycan known for preventing clots. Heparin, Sodium Salt is an activator of RyR and ATIII.

Technical Information

Appearance: beige /white
Physical State: solid
Derived from: porcine mucosa
Solubility: soluble in water (slightly).
Storage: store at room temperature

Safety and Reference Information

RTECS: MI0850000
Merck Index:14: 4653
MDL Number: MFCD00081689

Related Products:

Quick Coating Solution	cAP-01	240ml	Angio-Proteomie
Cell Freezing Solution (FBS)	cAP-22	50ml	Angio-Proteomie
Cell Freezing Solution (Non-FBS)	cAP-22B	50ml	Angio-Proteomie
HBSS w/o Ca ²⁺ , Mg ²⁺	cAP-11	100ml	Angio-Proteomie
Trypsin/EDTA Solution	cAP-23	100ml	Angio-Proteomie
Trypsin Neutralization Solution	cAP-28	100ml	Angio-Proteomie
ITS (100x)	cAP-26	10ml	Angio-Proteomie
L-Glutamine-MAXIMUM (100x)	cAP-27	100ml	Angio-Proteomie
Human Plasma Fibronectin Solution	cAP-42	1mg/ml	Angio-Proteomie
Bovine Type I Collagen Solution	cAP-17	100mg	Angio-Proteomie

References

- Hirsh, J., et al. 1995. Chest. 108: 258S-275S. PMID: 7555181
- Serra, A., et al. 1997. Thromb. Res. 87: 405-410. PMID: 9271818
- Baumann, H., et al. 1998. Carbohydr. Res. 308: 381-388. PMID: 9711830
- Duplaga, B.A., et al. 2001. Pharmacotherapy. 21: 218-234. PMID: 11213859
- Robinson, B., et al. 2004. Anal. Biochem. 333: 128-135. PMID: 15351289

THESE PRODUCTS ARE FOR RESEARCH USE ONLY

Caution: Handling human and animal tissue derived products is potentially bio-hazardous. Although each cell strain is tested negative for HIV, HBV and HCV DNA, or pathogens, diagnostic tests are not necessarily 100% accurate; therefore proper precautions must be taken to avoid inadvertent exposure. Always wear gloves and safety glasses when working with these materials. Never mouth pipette. We recommend following the universal procedures for handling products of human origin as the minimum precaution against contamination.